Digital audio transformers

LL1572 (1:1), LL1573 (1:1:1) and LL1589 (1:1:1:1)

The LL1572, LL1573, LL1589 are pulse transformer designed for digital audio. They are designed with a rather large amorphous metal core and have thus low copper resistance, high signal tolerance and low internal capacitance. The amorphous core has a very high \( \mu \). Thus, when used, the transformer should be protected from DC current.

### LL1572 isolation transformer

- **Turns ratio:** 1:1
- **Dims:** (Length x Width x Height above PCB (mm)) 15 x 9 x 11
- **Spacing between pins 1 and 2:** 10.16 mm (0.4”)
- **Spacing between pins 1 and 3:** 5.08 mm (0.2”)
- **Rec. PCB hole diameter:** 1.5 mm
- **Weight:** 2 grams

### LL1573 two output splitting transformer

- **Turns ratio:** 1:1:1
- **Dims:** (Length x Width x Height above PCB (mm)) 15 x 9 x 12
- **Spacing between rows of pins:** 10.16 mm (0.4”)
- **Spacing between pins in a row:** 2.54 mm (0.1”)
- **Rec. PCB hole diameter:** 1.4 mm
- **Weight:** 2.3 grams

### LL1589 three output splitting transformer

- **Turns ratio:** 1:1:1:1
- **Dims:** (Length x Width x Height above PCB (mm)) 15 x 12 x 12
- **Spacing between rows of pins:** 10.16 mm (0.4”)
- **Spacing between pins in a row:** 2.54 mm (0.1”)
- **Rec. PCB hole diameter:** 1.4 mm
- **Weight:** 2.5 grams